CONTROLLER FOR MOTOR DRIVEN DEVICE

ABSTRACT OF THE DISCLOSURE

According to the invention, a controller for a motor driven device is disclosed. The controller for the motor driven device having a motor that draws a current from a power supply to induce a forward motion in response to a load. The controller is conveniently coupled to the device for connection to the motor and for detecting a motor parameter indicative of the value of the load and for pulsing the current "on" and "off" at a predetermined cycle frequency when the value of the motor parameter exceeds a predetermined value for a predetermined period wherein each "on" cycle of the predetermined cycle frequency preferably is of sufficient duration to allow the motor to draw sufficient current in response to the load. Further, each "on" cycle of the predetermined cycle frequency is of sufficient duration to maintain sufficient current to the motor to normalize the forward motion.